



COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

SIXTH FLOOR,
PRUDENTIAL BUILDING,
195 NORTH TERRACE,
ADELAIDE

In reply quote No.

INDUSTRIAL ACCIDENTS

SOUTH AUSTRALIA

1964-65

CONTENTS

<u>TABLE</u>		<u>PAGE</u>
	Introduction	1
1	Fatal and Non-Fatal Accidents: Industry Groups, Number of Accidents, Time Lost and Amount Paid	Persons 3 Males 4 Females 5
2	Fatal and Non-Fatal Accidents: Industry Groups, Accident Factor	Males 6 Females 7
3	Non-Fatal Accidents: Industry Groups, Location of Injury	Males 8 Females 9
4	Non-Fatal Accidents: Industry Groups, Nature of Injury	Males 10 Females 11
5	Non-Fatal Accidents: Location of Injury, Accident Factor	12
6	Non-Fatal Accidents: Nature of Injury, Accident Factor	13
7	Non-Fatal Accidents: Nature of Injury, Location of Injury	14
8	Non-Fatal Accidents: Age Group, Accident Factor	15
9	Fatal and Non-Fatal Accidents: Individual Accident Factors, Number of Accidents	16
10	Non-Fatal Accidents: Time Lost, Number of Accidents	19

INTRODUCTION

SCOPE AND COVERAGE

The statistics contained in this bulletin have been compiled from reports of Workmen's Compensation claims closed during the year ended 30th June 1965 and of unclosed claims of three years' duration at 30th June 1965 submitted by Insurance Companies, self-insurers, and State Government Departments, through the South Australian Department of Labour and Industry. Each original claim has been regarded as a separate accident. Reports have been received of re-opened claims but no details of these have been included in the Tabulations.

Only persons within the coverage of the South Australian Workmen's Compensation Act are included. Notable exclusions are self-employed persons and all Commonwealth Government officers and employees. Thus persons employed within some industry classifications (e.g. Defence Services and Communications) are not covered at all while coverage is reduced in other industries, particularly in retail trade and rural industries.

DEFINITIONS

INDUSTRIAL ACCIDENT: For the purpose of this collection the following definition has been applied: "An Industrial Accident is a compensated work injury causing death or absence of the injured person from work for one week or more, excluding journey cases, cases occurring during a recess period, and disease cases."

Note: "One week" has been interpreted as "one week of seven calendar days or five working days".

INDUSTRY: The 1961 Census Classification of Industries has been used.

ACCIDENT FACTOR: In general, an accident factor may be regarded as "That underlying agency, other than human failing, which appears to contribute most materially to an accident and which would be most likely to receive attention in preventing the occurrence of a similar accident".

A detailed list of "Accident Factors" is given in Table 9 to which reference should be made for clarification of the group titles used in Tables 2, 5, 6, and 8.

GENERAL COMMENT

This bulletin is the fourth published by this Bureau on Industrial Accidents in South Australia and covers the year ended 30th June 1965. Statistics contained in this bulletin relate to claims closed, or regarded statistically as closed, during the year ended 30th June 1965. Fluctuations in the flow of processing and reporting of claims can significantly affect the figures for any given year.

The attached tables provide an analysis of 17 fatal accidents, and of 11,809 non-fatal accidents each of which resulted in absence from work of a week or more; as against 20 fatal accidents and 11,098 non-fatal accidents in 1963-64. Those accidents resulted in compensation payments totalling approximately £1,304,000. Other returns received from insurance companies, self-insurers and State Government departments show that during the year ended 30th June 1965 they received approximately 55,600 effective claims and that compensation totalling approximately £2,153,000 was paid. These figures, and similar comparisons in the preceding two years indicate that statistics compiled on the basis described in this introduction cover between 20% and 25% of total compensated accidents and that associated compensation payments represent between 60% and 70% of total compensation payments.

More detailed tabulations for some of the tables are held in this office and information contained therein may be made available on application to this Bureau or to the South Australian Department of Labour and Industry.

TABLE 1 - FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, NUMBER, TIME LOST, AND AMOUNT PAID : SOUTH AUSTRALIA, 1964-65

PERSONS

Industry	Number of Accidents			Time Lost (Non-Fatal Accidents)		Amount Paid (a)			
	Fatal	Non-Fatal		Total	Average per Accident	Fatal	Non-Fatal	Total	Average per NON-FATAL Accident
		Number	Proportion of Total						
			%	Weeks	Weeks	£'000	£'000	£'000	£
Primary production	-	896	7.6	3,618	4.0	-	86.9	86.9	97
Mining and quarrying	1	90	0.8	460	5.1	3.7	29.6	33.3	329
Manufacturing	5	5,478	46.4	18,760	3.4	13.1	565.9	579.0	103
Manufacturing includes -	-	349	3.0	1,339	3.8	-	51.6	51.6	148
Cement, bricks, glass, and stone	2	2,089	17.7	6,813	3.3	7.0	203.0	210.0	97
Founding, engineering and metal working	2	899	7.6	3,448	3.8	6.0	108.7	114.7	121
Ships, vehicles, parts, and accessories	-	905	7.7	2,967	3.3	-	75.0	75.0	83
Food, drink, and tobacco	1	520	4.4	1,944	3.7	0.1	59.4	59.5	114
Sawmilling and wood products (excl. furniture)	-	-	-	-	-	-	-	-	-
Electricity, gas, water, and sanitary services	-	494	4.2	1,981	4.0	-	63.0	63.0	128
Building and construction	5	1,857	15.7	7,099	3.8	21.3	227.6	248.9	123
Transport and storage	-	876	7.4	3,505	4.0	-	82.4	82.4	94
Finance and property	-	24	0.2	197	8.2	-	2.9	2.9	120
Commerce	3	1,380	11.7	4,474	3.2	8.0	115.8	123.8	84
Public authority (n.e.i.), community and business services	3	369	3.1	1,799	4.9	5.6	45.7	51.3	124
Amusement, hotels, accommodation, cafes, etc.	-	345	2.9	1,483	4.3	-	32.3	32.3	94
Other and inadequately described, or not stated	-	-	-	-	-	-	-	-	-
Total	17	11,809	100.0	43,376	3.7	51.7	1,252.1	1,303.8	106

(a) Compensation for wages lost, hospital and medical expenses, and lump sum settlements.

TABLE 1 - FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, NUMBER, TIME LOST, AND AMOUNT PAID : SOUTH AUSTRALIA, 1964-65

MALES

Industry	Number of Accidents			Time Lost (Non-Fatal Accidents)		Amount Paid (a)			
	Fatal	Non-Fatal		Total	Average per Accident	Fatal	Non-Fatal	Total	Average per NON-FATAL Accident
		Number	Proportion of Total						
			%	Weeks	Weeks	£'000	£'000	£'000	£
Primary production	-	843	7.8	3,416	4.1	-	84.4	84.4	100
Mining and quarrying	1	89	0.8	458	5.2	3.7	29.6	33.3	332
Manufacturing	5	5,050	46.9	17,325	3.4	13.1	535.5	548.6	106
Manufacturing includes--									
Cement, bricks, glass, and stone	-	346	3.2	1,327	3.8	-	51.4	51.4	149
Founding, engineering and metal working	2	1,899	17.6	6,167	3.3	7.0	187.6	194.6	99
Ships, vehicles, parts, and accessories	2	877	8.2	3,389	3.9	6.0	106.9	112.9	122
Food, drink, and tobacco	-	811	7.5	2,586	3.2	-	67.3	67.3	83
Sawmilling and wood products (excl. furniture)	1	506	4.7	1,908	3.8	0.1	58.9	59.0	116
Electricity, gas, water, and sanitary services	-	491	4.6	1,971	4.0	-	62.8	62.8	128
Building and construction	5	1,851	17.2	7,077	3.8	21.3	227.2	248.5	123
Transport and storage	-	874	8.1	3,482	4.0	-	81.9	81.9	94
Finance and property	-	16	0.2	65	4.1	-	1.7	1.7	109
Commerce	3	1,165	10.8	3,826	3.3	8.0	100.9	108.9	87
Public authority (n.e.i.), community and business services	3	203	1.9	892	4.4	5.6	28.2	33.8	139
Amusement, hotels, accommodation, cafes, etc.	-	183	1.7	718	3.9	-	18.8	18.8	103
Other and inadequately described, or not stated	-	-	-	-	-	-	-	-	-
Total	17	10,765	100.0	39,230	3.6	51.7	1171.0	1222.7	109

(a) Compensation for wages lost, hospital and medical expenses, and lump sum settlements.

TABLE 1 - FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, NUMBER, TIME LOST, AND AMOUNT PAID : SOUTH AUSTRALIA, 1964-65

FEMALES

Industry	Number of Accidents			Time Lost (Non-Fatal Accidents)		Amount Paid (a)			
	Fatal	Non-Fatal		Total	Average per Accident	Fatal	Non-fatal	Total	Average per NON-FATAL Accident
		Number	Proportion of Total						
			%	Weeks	Weeks	£'000	£'000	£'000	£
Primary production	-	53	5.0	202	3.8	-	2.5	2.5	48
Mining and quarrying	-	1	0.1	2	2.0	-	(b)	(b)	18
Manufacturing	-	428	41.0	1,435	3.4	-	30.4	30.4	71
Manufacturing includes -									
Cement, bricks, glass, and stone	-	3	0.3	12	3.9	-	0.2	0.2	79
Founding, engineering and metal working	-	190	18.2	646	3.4	-	15.4	15.4	81
Ships, vehicles, parts, and accessories	-	22	2.1	59	2.7	-	1.8	1.8	84
Food, drink, and tobacco	-	94	9.0	381	4.1	-	7.7	7.7	82
Sawmilling and wood products (excl. furniture)	-	14	1.3	36	2.6	-	0.5	0.5	35
Electricity, gas, water, and sanitary services	-	3	0.3	10	3.4	-	0.2	0.2	84
Building and construction	-	6	0.6	22	3.6	-	0.4	0.4	65
Transport and storage	-	2	0.2	23	11.4	-	0.5	0.5	228
Finance and property	-	8	0.8	132	16.6	-	1.2	1.2	144
Commerce	-	215	20.6	648	3.0	-	14.9	14.9	69
Public authority (n.e.i.), community and business services	-	166	15.9	907	5.5	-	17.5	17.5	106
Amusement, hotels, accommodation, cafes, etc.	-	162	15.5	765	4.7	-	13.5	13.5	83
Other and inadequately described, or not stated	-	-	-	-	-	-	-	-	-
Total	-	1,044	100.0	4,146	4.0	-	81.1	81.1	78

(a) Compensation for wages lost, hospital and medical expenses, and lump sum settlements.

(b) Less than £50.

TABLE 2 : FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, ACCIDENT FACTOR : SOUTH AUSTRALIA, 1964-65

MALES

Industry	Machinery		Vehicles		Electricity, Explosions, Etc.		Harmful Substances		Falling, Slipping, Stumbling, Etc.		Striking against, Stepping on, Etc.		Handling; Objects Moving or Falling ^(a)		Hand Tools		Miscellaneous		Total	
	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF
Primary production	-	88	-	85	-	10	-	8	-	171	-	26	-	263	-	78	-	114	-	843
Mining and quarrying	-	6	-	6	-	8	-	-	1	17	-	1	-	38	-	12	-	1	1	89
Manufacturing	1	757	1	106	2	182	-	40	-	844	-	281	1	2,294	-	381	-	165	5	5,050
Manufacturing includes -																				
Cement, bricks, glass, & stone	-	42	-	7	-	8	-	3	-	84	-	26	-	156	-	13	-	7	-	346
Founding, engineering, & metal working	-	340	1	27	1	93	-	12	-	233	-	102	-	930	-	117	-	45	2	1,899
Ships, vehicles, parts, etc.	1	87	-	23	-	20	-	7	-	162	-	57	1	416	-	59	-	46	2	877
Food, drink, and tobacco	-	68	-	25	-	30	-	7	-	207	-	47	-	292	-	95	-	40	-	811
Sawmilling and wood products (excluding furniture)	-	79	-	8	1	8	-	-	-	74	-	17	-	250	-	62	-	8	1	506
Electricity, gas, water & sanitary services	-	29	-	34	-	13	-	-	-	104	-	22	-	218	-	59	-	12	-	491
Building and construction	-	116	4	89	-	40	-	9	1	433	-	112	-	792	-	200	-	60	5	1,851
Transport and storage	-	43	-	87	-	10	-	-	-	213	-	39	-	410	-	42	-	30	-	874
Finance and property	-	1	-	4	-	-	-	-	-	2	-	2	-	6	-	1	-	-	-	16
Commerce	-	89	3	67	-	27	-	1	-	252	-	67	-	503	-	114	-	45	3	1,165
Public authority (n.e.i.) and community and business services	-	15	1	25	1	5	-	2	-	53	-	5	1	60	-	8	-	30	3	203
Amusement, hotels, accommodation, cafes, etc.	-	6	-	7	-	8	-	2	-	65	-	8	-	69	-	10	-	8	-	183
Other and inadequately described, or not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total : Number	1	1,150	9	510	3	303	-	62	2	2,154	-	563	2	4,653	-	905	-	465	17	10,765
Per cent		10.7		4.8		2.8		0.6		20.0		5.2		43.2		8.4		4.3		100.0

(a) Non-fatal accidents in this group includes : struck by moving or falling objects (2,169), strain in handling (2,079), handling sharp objects (341), other (64).

F - Fatal

NF - Non-fatal

TABLE 2 : FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, ACCIDENT FACTOR : SOUTH AUSTRALIA, 1964-65

FEMALES

Industry	Machinery	Vehicles	Electricity, Explosions, Etc.	Harmful Sub- stances	Falling, Slipping, Stumbling, Etc.	Striking against, Stepping on, Etc.	Handling; Objects Moving or Falling (a)	Hand Tools	Miscell- aneous	Total
Primary production	5	1	1	1	16	3	12	10	4	53
Mining and quarrying	-	-	-	-	1	-	-	-	-	1
Manufacturing	114	5	13	4	67	44	155	13	13	428
Manufacturing includes -										
Cement, bricks, glass, & stone	-	-	-	-	2	-	1	-	-	3
Founding, engineering, & metal working	67	1	2	1	16	22	70	5	6	190
Ships, vehicles, parts, etc.	3	1	1	-	4	2	11	-	-	22
Food, drink, and tobacco	12	-	7	1	26	6	33	7	2	94
Sawmilling and wood products (excluding furniture)	2	-	-	-	3	2	7	-	-	14
Electricity, gas, water & sanitary services	-	-	-	-	2	1	-	-	-	3
Building and construction	-	-	1	-	3	1	-	1	-	6
Transport and storage	-	-	-	-	1	1	-	-	-	2
Finance and property	-	-	1	-	3	-	3	-	1	8
Commerce	28	2	3	1	79	11	64	10	17	215
Public authority (n.e.i.) and community and business services	2	5	5	1	58	6	76	2	11	166
Amusement, hotels, accommodation, cafes, etc.	16	1	15	-	59	10	37	9	15	162
Other and inadequately described, or not stated	-	-	-	-	-	-	-	-	-	-
Total : Number	165	14	39	7	289	77	347	45	61	1,044
Per cent	15.8	1.4	3.7	0.7	27.7	7.4	33.2	4.3	5.8	100.0

Note: No accident involving the death of a female was reported during the year.

(a) This group includes: Struck by moving or falling objects (89), Strain in handling (198), Handling sharp objects (53), Other (7)

TABLE 3 - NON-FATAL ACCIDENTS : INDUSTRY GROUPS, LOCATION OF INJURY : SOUTH AUSTRALIA, 1964-65

MALES

Industry	Head	Eye	Neck and Spine	Trunk	Arm	Hand	Leg	Foot	Miscellaneous and Site Unspecified	Total
Primary production	22	26	27	198	115	194	175	75	11	843
Mining and quarrying	4	5	1	23	15	16	17	8	-	89
Manufacturing	134	161	137	1,253	616	1,434	725	573	17	5,050
Manufacturing includes -										
Cement, bricks, glass and stone	10	14	11	97	62	72	53	26	1	346
Founding, engineering and metal working	48	82	41	400	216	545	255	305	7	1,899
Ships, vehicles, parts, and accessories.	23	37	27	278	107	177	134	91	3	877
Food, drink, and tobacco	23	9	33	197	106	262	126	53	2	811
Sawmilling and wood products (excl. furniture)	8	6	9	123	57	172	85	44	2	506
Electricity, gas, water, and sanitary services	18	10	26	150	54	92	86	53	2	491
Building and construction	75	74	55	524	207	400	295	216	5	1,851
Transport and storage	38	15	39	269	103	138	181	91	-	874
Finance and property	1	1	1	3	2	1	5	2	-	16
Commerce	55	24	43	316	109	302	203	105	8	1,165
Public authority (n.e.i.) and community and business services	18	4	9	60	27	29	43	12	1	203
Amusement, hotels, accommodation, cafes, etc.	5	3	12	65	25	31	28	13	1	183
Other and inadequately described or not stated	-	-	-	-	-	-	-	-	-	-
Total : Number	370	323	350	2,861	1,273	2,637	1,758	1,148	45	10,765
Per cent.	3.4	3.0	3.3	26.6	11.8	24.5	16.3	10.7	0.4	100.0

TABLE 3 - NON-FATAL ACCIDENTS : INDUSTRY GROUPS, LOCATION OF INJURY : SOUTH AUSTRALIA, 1964-65

FEMALES

Industry	Head	Eye	Neck and Spine	Trunk	Arm	Hand	Leg	Foot	Miscellaneous and Site Unspecified	Total
Primary production	1	1	2	7	12	13	14	2	1	53
Mining and quarrying	-	-	-	-	-	-	1	-	-	1
Manufacturing	10	7	13	72	84	151	50	37	4	428
Manufacturing includes -										
Cement, bricks, glass and stone	-	-	-	-	1	-	1	1	-	3
Founding, engineering and metal working	5	3	5	31	33	79	18	15	1	190
Ships, vehicles, parts, and accessories.	2	-	-	3	2	7	4	4	-	22
Food, drink, and tobacco	2	1	4	21	22	28	10	5	1	94
Sawmilling and wood products (excl. furniture)	-	-	-	1	5	3	3	1	1	14
Electricity, gas, water, and sanitary services	-	-	-	1	1	-	1	-	-	3
Building and construction	-	-	-	-	3	-	3	-	-	6
Transport and storage	-	-	-	1	-	-	-	1	-	2
Finance and property	1	-	1	1	2	1	-	1	1	8
Commerce	7	1	6	52	30	59	43	17	-	215
Public authority (n.e.i.) and community and business services	9	-	10	58	27	20	37	4	1	166
Amusement, hotels, accommodation, cafes, etc.	6	1	13	34	24	44	30	9	1	162
Other and inadequately described or not stated	-	-	-	-	-	-	-	-	-	-
Total : Number	34	10	45	226	183	288	179	71	8	1,044
Per cent	3.3	1.0	4.3	21.6	17.5	27.6	17.1	6.8	0.8	100.0

TABLE 4 - NON-FATAL ACCIDENTS: INDUSTRY GROUPS, NATURE OF INJURY: SOUTH AUSTRALIA, 1964-65

MALES

Industry	Bruising, Contusion, and Super- ficial	Lacera- tions	Foreign Bodies	Burns and Scalds	Frac- tures	Disloca- tions	Strains, Sprains, Hernias	Traumatic Amputa- tions	Concus- sion	Other (a)	Total
Primary production	103	230	19	16	143	18	284	6	8	16	843
Mining and quarrying	15	17	3	6	19	-	27	1	-	1	89
Manufacturing	829	1,206	117	262	601	31	1,891	35	43	35	5,050
Manufacturing includes -											
Cement, bricks, glass & stone	65	66	7	14	30	3	148	5	4	4	346
Founding, engineering, and metal working	335	424	63	130	291	7	615	10	14	10	1,899
Ships, vehicles, parts and accessories	147	155	29	33	94	4	396	2	10	7	877
Food, drink, and tobacco	112	242	7	38	65	6	320	6	9	6	811
Sawmilling & wood products (ex. furniture)	76	164	3	9	59	4	181	5	2	3	506
Electricity, gas, water, & sanitary services	96	75	7	18	66	3	214	1	6	5	491
Building and construction	324	390	52	45	266	18	701	7	36	12	1,851
Transport and storage	178	127	14	15	126	9	380	1	20	4	874
Finance and property	4	3	-	-	3	-	5	-	1	-	16
Commerce	208	309	14	27	125	18	422	4	30	8	1,165
Public authority (n.e.i.) community and business services	28	28	3	7	34	2	87	-	8	6	203
Amusement, hotels, accommodation, cafes, etc.	19	35	-	11	24	5	87	-	1	1	183
Other & inadequately described or not stated	-	-	-	-	-	-	-	-	-	-	-
Total : Number	1,804	2,420	229	407	1,407	104	4,098	55	153	88	10,765
Per cent	16.7	22.5	2.1	3.8	13.1	1.0	38.1	0.5	1.4	0.8	100.0

(a) Includes internal injuries (16), nerve injuries (23), miscellaneous and unspecified (49).

TABLE 4 - NON-FATAL ACCIDENTS: INDUSTRY GROUPS, NATURE OF INJURY: SOUTH AUSTRALIA, 1964-65

FEMALES

Industry	Bruising, Contusion, and Super- ficial	Lacera- tions	Foreign Bodies	Burns and Scalds	Frac- tures	Disloca- tions	Strains, Sprains, Hernias	Traumatic Amputa- tions	Concus- sion	Other (a)	Total
Primary production	7	21	-	1	5	1	17	-	-	1	53
Mining and quarrying	-	-	-	-	-	-	1	-	-	-	1
Manufacturing	71	131	6	17	34	4	154	2	4	5	428
Manufacturing includes -											
Cement, bricks, glass & stone	-	-	-	-	-	-	3	-	-	-	3
Founding, engineering, and metal working	33	65	3	2	15	1	68	-	1	2	190
Ships, vehicles, parts and accessories	5	9	-	1	-	-	5	-	2	-	22
Food, drink, and tobacco	10	26	-	9	6	1	38	1	1	2	94
Sawmilling & wood products (ex. furniture)	2	4	-	-	1	-	7	-	-	-	14
Electricity, gas, water, & sanitary services	1	1	-	-	-	-	1	-	-	-	3
Building and construction	1	1	-	1	-	-	3	-	-	-	6
Transport and storage	2	-	-	-	-	-	-	-	-	-	2
Finance and property	1	1	-	-	1	-	3	-	1	1	8
Commerce	36	57	-	6	18	5	86	-	6	1	215
Public authority (n.e.i.) community and business services	22	19	-	6	20	-	91	-	4	4	166
Amusement, hotels, accommodation, cafes, etc.	19	35	1	16	24	3	57	1	3	3	162
Other & inadequately described or not stated	-	-	-	-	-	-	-	-	-	-	-
Total : Number	160	266	7	47	102	13	413	3	18	15	1,044
Per cent	15.3	25.5	0.7	4.5	9.8	1.2	39.6	0.3	1.7	1.4	100.0

(a) Includes internal injuries (2), nerve injuries (3), miscellaneous and unspecified (10).

TABLE 5 - NON-FATAL ACCIDENTS : LOCATION OF INJURY, ACCIDENT FACTOR : SOUTH AUSTRALIA, 1964-65

Location of Injury	Machinery		Vehicles		Electricity, Explosions, Etc.		Harmful Substances		Falling, Slipping, Stumbling, Etc.		Striking against, Stepping on, Etc.		Handling; Objects Moving or Falling		Hand Tools		Miscellaneous		Total	
	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks
MALES																				
Head (except eyes)	21	4.9	67	3.5	48	2.3	6	3.4	60	5.0	31	2.1	101	3.6	19	2.0	17	2.5	370	3.5
Eye	83	2.3	3	1.3	12	1.7	21	1.6	2	30.7	4	4.8	105	1.8	60	2.5	33	1.7	323	2.2
Neck and spine	6	21.4	18	7.7	3	1.6	-	-	78	7.1	12	7.5	192	5.7	8	4.0	33	3.0	350	6.1
Trunk (excl. shoulder and spine)	74	5.9	95	3.4	8	6.3	-	-	625	3.6	47	2.3	1,753	3.9	130	4.4	129	2.8	2,861	3.8
Arm (incl. shoulder and wrist)	120	6.4	72	5.8	46	2.4	5	1.3	329	4.8	87	2.9	440	3.1	117	2.6	57	3.3	1,273	3.9
Hand (excl. wrist;incl. fingers)	730	3.9	79	3.6	85	3.1	8	1.6	133	4.0	152	2.4	960	2.5	429	2.4	61	2.8	2,637	3.0
Leg (incl. hip and ankle)	76	6.2	111	6.2	34	3.3	6	3.6	806	4.1	160	2.4	371	4.1	85	3.2	109	5.2	1,758	4.2
Foot (incl. toes)	38	7.0	57	4.5	64	3.3	3	1.7	121	4.4	70	1.9	729	3.0	56	3.2	10	3.1	1,148	3.3
Other and unspecified	2	2.9	8	4.3	3	5.4	13	3.1	-	-	-	-	2	1.4	1	11.4	16	2.1	45	3.2
Total	1,150	4.5	510	4.7	303	3.0	62	2.3	2,154	4.2	563	2.5	4,653	3.4	905	2.9	465	3.3	10,765	3.6
FEMALES																				
Head (except eyes)	3	4.6	2	4.5	5	2.8	-	-	14	3.9	2	2.6	5	1.8	1	1.0	2	3.2	34	3.3
Eye	1	1.2	-	-	-	-	2	1.1	-	-	-	-	7	1.6	-	-	-	-	10	1.4
Neck and spine	-	-	-	-	1	1.0	-	-	17	10.3	2	10.2	18	7.8	-	-	7	9.1	45	8.9
Trunk (excl. shoulder and spine)	1	1.4	4	3.7	2	2.9	-	-	58	5.6	4	1.6	127	4.7	3	4.5	27	2.7	226	4.6
Arm (incl. shoulder and wrist)	24	3.5	3	3.2	9	2.0	-	-	62	7.2	12	3.6	60	4.4	6	3.6	7	6.6	183	5.1
Hand (excl. wrist;incl. fingers)	129	2.7	-	-	9	1.4	3	1.8	6	3.6	24	2.8	73	2.0	34	2.0	10	4.6	288	2.5
Leg (incl. hip and ankle)	4	1.8	3	3.7	4	2.1	-	-	121	4.1	23	3.9	20	3.7	-	-	4	4.8	179	3.9
Foot (incl. toes)	3	3.5	2	3.4	5	2.9	-	-	10	4.6	10	1.8	37	2.2	1	1.6	3	8.9	71	2.9
Other and unspecified	-	-	-	-	4	2.5	2	1.3	1	1.0	-	-	-	-	-	-	1	8.2	8	2.7
Total	165	2.8	14	3.7	39	2.2	7	1.5	289	5.4	77	3.2	347	3.8	45	2.3	61	4.7	1,044	4.0

TABLE 6 - NON-FATAL ACCIDENTS : NATURE OF INJURY, ACCIDENT FACTOR : SOUTH AUSTRALIA, 1964-65

Nature of Injury	Machinery		Vehicles		Electricity, Explosions, Etc.		Harmful Substances		Falling, Slipping, Stumbling, Etc.		Striking against, Stepping on, Etc.		Handling; Objects Moving or Falling		Hand Tools		Miscellaneous		Total	
	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks
MALES																				
Contusion, bruising, and superficial injury	159	2.7	140	2.8	6	2.5	2	2.8	462	2.8	147	2.3	767	2.0	81	2.2	40	2.2	1,804	2.4
Lacerations	589	3.4	86	3.3	5	4.0	1	1.2	178	3.4	263	2.1	810	2.3	429	2.1	59	2.3	2,420	2.7
Foreign bodies	72	1.9	-	-	2	1.0	6	1.7	-	-	-	-	78	1.7	39	2.6	32	1.7	229	1.9
Burns, and scalds	20	7.1	3	6.4	279	2.8	40	2.1	9	2.1	3	1.9	10	2.2	42	2.3	1	1.2	407	2.9
Fractures	153	10.4	127	8.9	5	9.9	-	-	332	8.7	32	4.7	632	5.0	72	4.8	54	5.3	1,407	6.8
Dislocations	4	17.1	11	7.2	-	-	-	-	37	8.8	3	3.1	34	5.2	2	1.9	13	3.1	104	6.8
Sprains, strains, and hernias	101	4.5	91	3.1	-	-	-	-	1,088	3.5	90	2.9	2,270	3.9	221	3.7	237	3.7	4,098	3.7
Traumatic amputations	40	7.4	1	31.0	-	-	-	-	-	-	3	9.2	4	5.8	6	9.3	1	5.8	55	8.0
Concussion	8	3.5	47	3.3	1	1.0	-	-	36	5.4	20	2.3	33	3.7	4	2.1	4	3.5	153	3.7
Enucleation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Internal injury	2	8.3	2	3.4	-	-	-	-	4	4.0	-	-	6	2.7	-	-	2	2.2	16	3.7
Nerve injury	1	27.8	1	2.2	1	5.8	-	-	6	2.9	1	6.0	6	4.1	6	6.4	1	2.0	23	5.4
Other and unspecified	1	4.4	1	1.6	4	4.5	13	3.1	2	3.0	1	5.6	3	4.6	3	6.3	21	2.7	49	3.4
Total	1,150	4.5	510	4.7	303	3.0	62	2.3	2,154	4.2	563	2.5	4,653	3.4	905	2.9	465	3.3	10,765	3.6
FEMALES																				
Contusion, bruising, and superficial injury	21	2.2	3	1.6	-	-	-	-	64	2.6	23	2.6	40	1.9	4	2.1	5	4.4	160	2.4
Lacerations	100	2.5	2	3.5	-	-	1	1.0	12	4.7	34	2.1	78	2.2	34	2.1	5	2.0	266	2.4
Foreign bodies	1	1.2	-	-	-	-	-	-	-	-	-	-	6	1.6	-	-	-	-	7	1.6
Burns, and scalds	3	1.7	-	-	35	2.1	3	1.8	5	3.5	-	-	1	1.8	-	-	-	-	47	2.2
Fractures	20	4.3	3	6.3	-	-	-	-	56	11.1	5	2.7	9	3.8	-	-	9	7.1	102	8.2
Dislocations	-	-	1	3.4	-	-	-	-	4	4.1	1	7.8	3	6.6	-	-	4	9.7	13	6.6
Sprains, strains, and hernias	18	3.1	3	2.7	-	-	-	-	137	4.5	11	6.9	203	4.6	5	4.6	36	3.9	413	4.5
Traumatic amputations	2	7.9	-	-	-	-	-	-	-	-	-	-	-	-	1	1.2	-	-	3	5.7
Concussion	-	-	2	4.5	-	-	-	-	9	2.3	2	2.6	4	1.6	1	1.0	-	-	18	2.3
Enucleation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Internal injury	-	-	-	-	-	-	-	-	1	5.0	-	-	1	18.0	-	-	-	-	2	11.5
Nerve injury	-	-	-	-	-	-	-	-	-	-	1	16.4	2	29.1	-	-	-	-	3	24.9
Other and unspecified	-	-	-	-	4	2.5	3	1.3	1	43.4	-	-	-	-	-	-	2	6.5	10	7.0
Total	165	2.8	14	3.7	39	2.2	7	1.5	289	5.4	77	3.2	347	3.8	45	2.3	61	4.7	1,044	4.0

TABLE 7 - NON-FATAL ACCIDENTS: NATURE OF INJURY, LOCATION OF INJURY: SOUTH AUSTRALIA, 1964-65

Nature of Injury	Head	Eye	Neck & Spine	Trunk	Arm	Hand	Leg	Foot	Miscellaneous and Site Unspecified	Total
MALES										
Contusion, bruising, and superficial injury	24	15	19	348	212	324	458	400	4	1,804
Lacerations	103	31	1	16	164	1,667	272	161	5	2,420
Foreign bodies	-	229	-	-	-	-	-	-	-	229
Burns, and scalds	52	44	3	9	61	111	49	78	-	407
Fractures	33	-	31	166	189	378	148	462	-	1,407
Dislocations	-	-	57	2	21	18	5	1	-	104
Sprains, strains, and hernias	-	-	237	2,300	617	80	819	43	2	4,098
Traumatic amputations	-	-	-	-	2	52	-	1	-	55
Concussion	153	-	-	-	-	-	-	-	-	153
Enucleation	-	-	-	-	-	-	-	-	-	-
Internal injury	-	-	-	16	-	-	-	-	-	16
Nerve injury	2	1	2	3	7	5	3	-	-	23
Other and unspecified	3	3	-	1	-	2	4	2	34	49
Total	370	323	350	2,861	1,273	2,637	1,758	1,148	45	10,765
FEMALES										
Contusion, bruising, and superficial injury	1	-	3	27	23	31	45	29	1	160
Lacerations	8	1	1	1	11	203	26	15	-	266
Foreign bodies	-	7	-	-	-	-	-	-	-	7
Burns, and scalds	5	1	1	2	11	14	6	7	-	47
Fractures	2	-	3	11	34	24	11	17	-	102
Dislocations	-	-	6	-	4	1	2	-	-	13
Sprains, strains, and hernias	-	-	30	181	100	11	88	3	-	413
Traumatic amputations	-	-	-	-	-	3	-	-	-	3
Concussion	18	-	-	-	-	-	-	-	-	18
Enucleation	-	-	-	-	-	-	-	-	-	-
Internal injury	-	-	-	2	-	-	-	-	-	2
Nerve injury	-	-	1	1	-	1	-	-	-	3
Other and unspecified	-	1	-	1	-	-	1	-	7	10
Total	34	10	45	226	183	288	179	71	8	1,044

TABLE 8 - NON-FATAL ACCIDENTS : AGE GROUP, ACCIDENT FACTOR : SOUTH AUSTRALIA, 1964-65

Age Group (Years)	Machin- ery	Veh- icles	Electricity, Explosions, Etc.	Harmful Sub- stances	Falling, Slipping, Stumbling, Etc.	Striking against, Stepping on, Etc.	Handling; Objects Moving or Falling	Hand Tools	Miscell- aneous	Total
MALES										
Under 20	177	69	37	12	176	59	366	128	49	1,073
20 - 24	161	63	55	5	236	64	538	139	47	1,308
25 - 29	123	53	41	7	206	58	478	108	59	1,133
30 - 34	123	53	31	7	214	56	499	87	50	1,120
35 - 39	129	67	32	4	272	65	612	125	54	1,360
40 - 44	108	53	27	8	269	68	601	87	52	1,273
45 - 49	99	37	30	6	207	59	463	60	53	1,014
50 - 54	78	32	21	5	227	53	424	62	38	940
55 - 59	60	36	13	1	155	33	325	53	27	703
60 - 64	42	22	7	3	105	20	166	26	17	408
65 and over	11	8	1	1	29	8	48	5	5	116
Not stated (a)	39	17	8	3	58	20	133	25	14	317
Total	1,150	510	303	62	2,154	563	4,653	905	465	10,765
FEMALES										
Under 20	47	5	7	4	35	18	51	11	9	187
20 - 24	29	4	4	-	29	11	45	5	3	130
25 - 29	17	-	8	1	11	6	26	6	5	80
30 - 34	15	3	3	-	17	5	38	7	7	95
35 - 39	17	-	5	-	38	10	50	3	11	134
40 - 44	19	2	3	1	41	10	45	5	10	136
45 - 49	6	-	1	-	31	5	32	-	5	80
50 - 54	5	-	3	1	33	5	34	3	5	89
55 - 59	2	-	3	-	24	3	3	1	2	38
60 - 64	1	-	-	-	6	2	-	1	-	10
65 and over	1	-	-	-	4	-	-	1	-	6
Not stated (a)	6	-	2	-	20	2	23	2	4	59
Total	165	14	39	7	289	77	347	45	61	1,044

(a) Age details not available.

TABLE 9 - FATAL AND NON-FATAL ACCIDENTS : INDIVIDUAL ACCIDENT FACTORS

NUMBER OF ACCIDENTS : SOUTH AUSTRALIA, 1964-65

ACCIDENT FACTOR	Males		Females
	Fatal	Non-Fatal	Non-Fatal
MACHINERY			
Prime movers and pumps	-	-	-
Engines and prime movers	-	19	-
Pumps (including windmills)	-	3	-
Mechanical power transmission apparatus	-	-	-
Ropes, belts, pulleys, chains, and sprockets	-	8	1
Shafting	-	-	-
Gears	-	-	-
Other	-	-	-
Hoisting and hauling	-	-	-
Hoists, cranes, winches, etc. (large fixed apparatus)	-	134	1
Other lifting appliances (small portable apparatus)	-	26	-
Lifts	-	4	1
Conveyors	-	61	2
Fixed industrial machines (while operating)	-	-	-
Abrasive, polishing, etc.	-	138	4
Agitators and mixers	-	45	5
Casting, forging, welding	-	45	4
Crushing, grinding, etc.	-	10	-
Drilling, boring, turning (metal working)	-	82	22
" " " (other)	-	18	1
Milling machines (metal working)	-	4	1
Planers and shapers (woodworking)	-	70	3
" " " (other)	-	1	-
Packing and wrapping	-	9	7
Opening, picking, combing, carding (textiles)	-	5	-
Presses and punches (metal working)	-	68	32
" (printing)	-	10	-
" (other)	-	14	5
Rolls (printing, metal rolling, glueing, etc.)	-	20	-
Saws, circular (wood working)	-	42	1
" other (wood working)	-	73	2
" (metal working)	-	7	-
" other (stone, plastic, etc. cutting)	-	10	-
Screening and separating (not cream separating)	-	3	-
Sewing and stitching	-	5	8
Shears (metal working)	1	43	2
" (paper cutting)	-	6	1
" other (except food and sheep shears)	-	5	1
Rotary cutters (except food)	-	-	2
Cutters, food	-	21	36
Spinning, weaving, and knitting	-	10	3
Centrifuges	-	-	-
Other industrial machines (fixed)	-	61	16
Farm Equipment	-	-	-
Milking and shearing machines & cream separators	-	26	-
Farm implements (not tractors)	-	32	3
Other farm equipment (fixed) (not woolpresses)	-	2	-
Other machinery	-	10	1
Total machinery	1	1,150	165
VEHICLES			
Motor vehicles	8	283	12
Trams (not if stationary)	-	1	-
Railway locomotives, trucks and cars	-	25	-
Mine, quarry, and other vehicles on rails	-	6	-
Bicycles	-	12	-
Aircraft	-	-	-
Water transport	-	1	-
Animal drawn vehicles	-	-	-

TABLE 9 - FATAL AND NON-FATAL ACCIDENTS : INDIVIDUAL ACCIDENT FACTORS

NUMBER OF ACCIDENTS : SOUTH AUSTRALIA, 1964-65 (continued)

ACCIDENT FACTOR	Males		Females
	Fatal	Non-Fatal	Non-Fatal
VEHICLES (continued)			
Mobile machinery			
Mobile cranes & hoists	-	6	-
Forklift trucks	-	57	1
Tractors	1	56	-
Bulldozers, mech. shovels, graders, rollers, etc.	-	37	-
Other mobile machinery	-	26	1
Other vehicles	-	-	-
Total vehicles	9	510	14
ELECTRICITY, EXPLOSIONS, FLAMES, HOT SUBSTANCES			
Electricity (contact with)			
Cables and flexibles, portable machines, etc.	-	8	3
Switch and fuse gear	-	2	-
Electric supply wiring	1	9	-
Other electricity	-	1	1
Explosions			
Blasting (mines and quarries)	-	6	-
Boilers and pressure vessels	-	1	-
Gas (household and industrial)	1	7	3
Other explosions (including weapons)	-	11	1
Flames, hot substances and objects	1	258	31
Total electricity, etc.	3	303	39
HARMFUL SUBSTANCES			
Solids (including powders)	-	15	-
Gas and aerosols	-	8	2
Liquids	-	39	5
Total harmful substances	-	62	7
FALLING, STUMBLING, SLIPPING, ETC.			
On or from			
Ladders	-	212	14
Poles	-	4	-
Roofs	-	37	-
Scaffolding	-	75	-
Stairs or steps	-	95	46
Top or tray of vehicles	-	99	4
From other elevation	2	198	7
Into excavations	-	50	1
Up or down (jumping or stepping)	-	177	2
On same level	-	1,207	215
Total falling, stumbling, slipping, etc.	2	2,154	289
STEPPING ON, STRIKING AGAINST FIXED OR STATIONARY OBJECTS			
Stepping on sharp objects	-	57	3
Striking against	-	506	74
Total stepping on, striking against	-	563	77
HANDLING; OBJECTS MOVING OR FALLING			
Strain in handling	2	2,079	198
Struck by or caught between (moving or falling objects)			
Trees, limbs, logs	-	99	1
Poles (timber)	-	17	-
Other timber (e.g. sleepers, etc.)	-	200	3
Drums and barrels	-	73	3
Boxes, crates, cartons	-	71	9
Bricks and tiles	-	53	-
Earth, rock, sand	-	50	-
Hand trucks, barrows, etc.	-	100	4
Other objects	-	1,506	69

TABLE 9 - FATAL AND NON-FATAL ACCIDENTS : INDIVIDUAL ACCIDENT FACTORS

NUMBER OF ACCIDENTS : SOUTH AUSTRALIA, 1964-65 (continued)

ACCIDENT FACTOR	Males		Females
	Fatal	Non-Fatal	Non-Fatal
HANDLING; OBJECTS MOVING OR FALLING (continued)			
Sharp objects - wounds through handling			
Metal (other than hand tool, etc.)	-	164	21
Glass (handling - not knocking against)	-	52	12
Other sharp objects	-	125	20
Other accidents involving handling, or objects moving or falling	-	64	7
Total handling; objects moving or falling	2	4,653	347
HAND TOOLS			
Hand operated			
Axes, hatchets, machettes	-	64	1
Blow torches (not oxytorch)	-	-	-
Can openers	-	-	-
Cleavers, choppers	-	3	-
Chisels	-	19	-
Crowbars, pinchbars	-	58	-
Files	-	4	1
Hammers, mallets	-	110	4
Hooks	-	38	-
Knives	-	182	28
Needles	-	1	-
Pens and pencils	-	-	-
Picks, pickaxes, hoes	-	16	-
Pliers, pincers, tongs	-	1	-
Saws (including hacksaws)	-	21	-
Scissors and shears	-	3	2
Screwdrivers	-	6	-
Shovels and spades	-	67	-
Spanners, wrenches	-	60	-
Other hand-operated hand tools	-	63	4
Power Operated - Electric, pneumatic, hydraulic			
Abrasive, sanding, polishing, etc.	-	17	4
Chisels	-	-	-
Drills, jack-hammers, etc.	-	94	-
Knives	-	-	-
Riveters	-	1	-
Saws	-	18	-
Screwdrivers	-	1	1
Soldering irons	-	-	-
Explosive power fasteners (Ramset guns, etc.)	-	6	-
Other (inc. oxytorches, sprayers, portable welding plant)	-	52	-
Total hand tools	-	905	45
MISCELLANEOUS			
Animals & insects	-	133	3
Physical causes			
Cold (freezing chambers, weather, etc.)	-	1	-
Compressed air	-	-	-
Exposure to rain, wind, etc. (not heat or cold)	-	2	-
Heat (furnaces, weather, etc. - not contact with hot objects)	-	2	-
Immersion	-	-	-
Radiation (not burns from)	-	-	-
Vibration (e.g. from pneumatic drill)	-	1	-
Other physical	-	2	-
Pressure vessels, pipes etc. bursting	-	4	-
Other			
Doors & windows	-	53	12
Flying particles (windborne-not from machines, etc.)	-	34	1
Other	-	233	45
Total miscellaneous	-	465	61
TOTAL - ALL FACTORS	17	10,765	1,044

TABLE 10 - NON-FATAL ACCIDENTS : NUMBER, TIME LOST : SOUTH AUSTRALIA, 1964-65

TIME LOST	MALES		FEMALES		PERSONS	
	NO.	TIME LOST	NO.	TIME LOST	NO.	TIME LOST
		Weeks		Weeks		Weeks
1 week, but less than 2 weeks	5,428	7,003	500	646	5,928	7,649
2 weeks, but less than 4 weeks	2,892	7,517	295	766	3,187	8,283
4 weeks, but less than 6 weeks	970	4,571	98	458	1,068	5,029
6 weeks, but less than 8 weeks	514	3,462	44	292	558	3,754
8 weeks, but less than 13 weeks	571	5,620	57	557	628	6,177
13 weeks, but less than 26 weeks	243	4,254	23	409	266	4,663
26 weeks, but less than 52 weeks	104	3,662	25	862	129	4,524
52 weeks, but less than 104 weeks	40	2,750	2	156	42	2,906
104 weeks, but less than 156 weeks	2	229	-	-	2	229
156 weeks and more	1	162	-	-	1	162
TOTAL	10,765	39,230	1,044	4,146	11,809	43,376

D.L.J. AITCHISON
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